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FIG.1

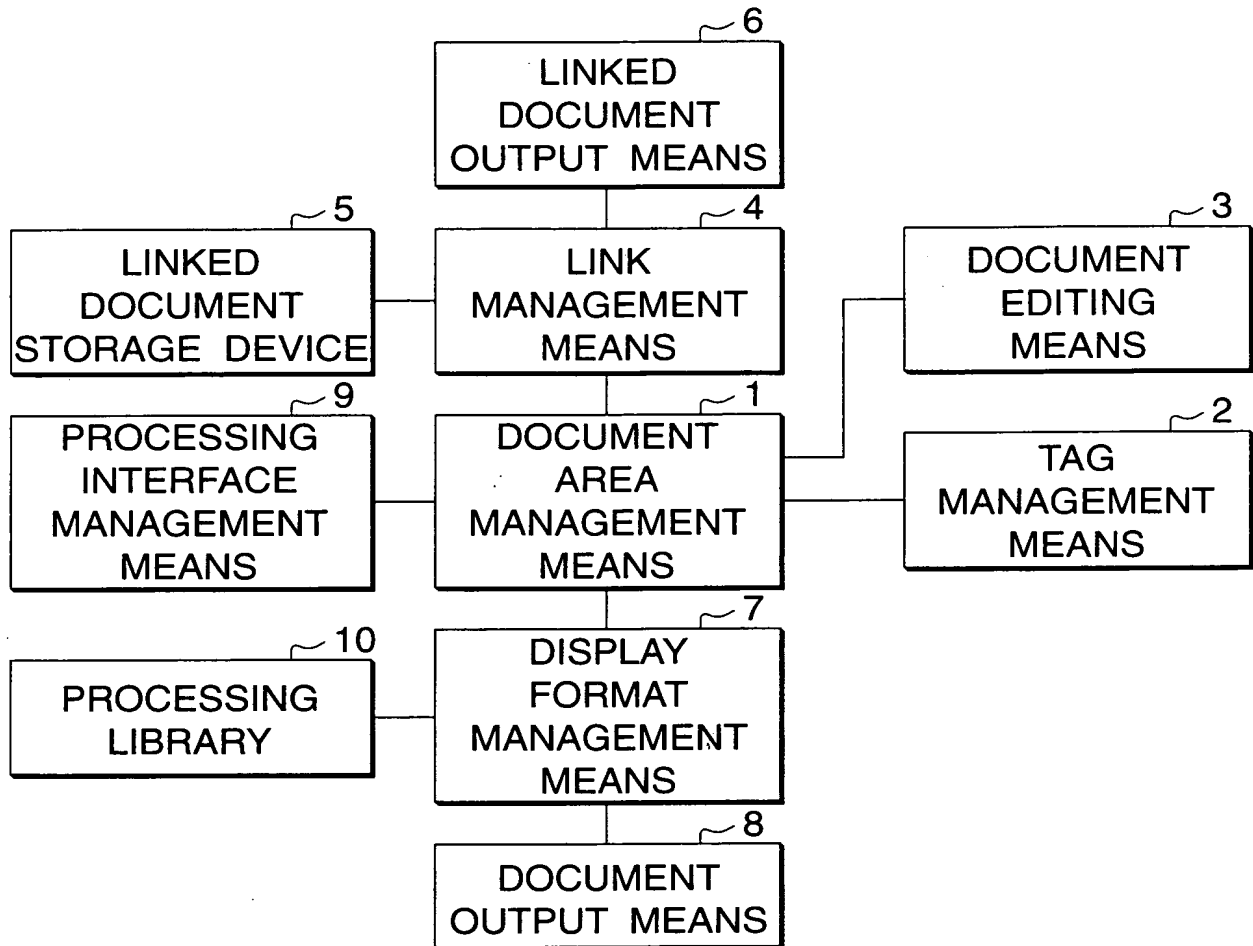
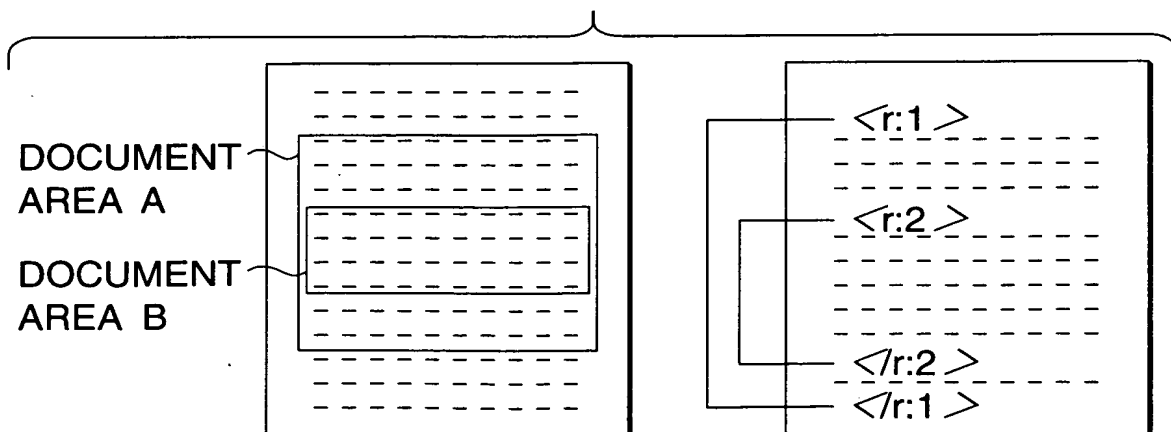


FIG.2



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FIG.3

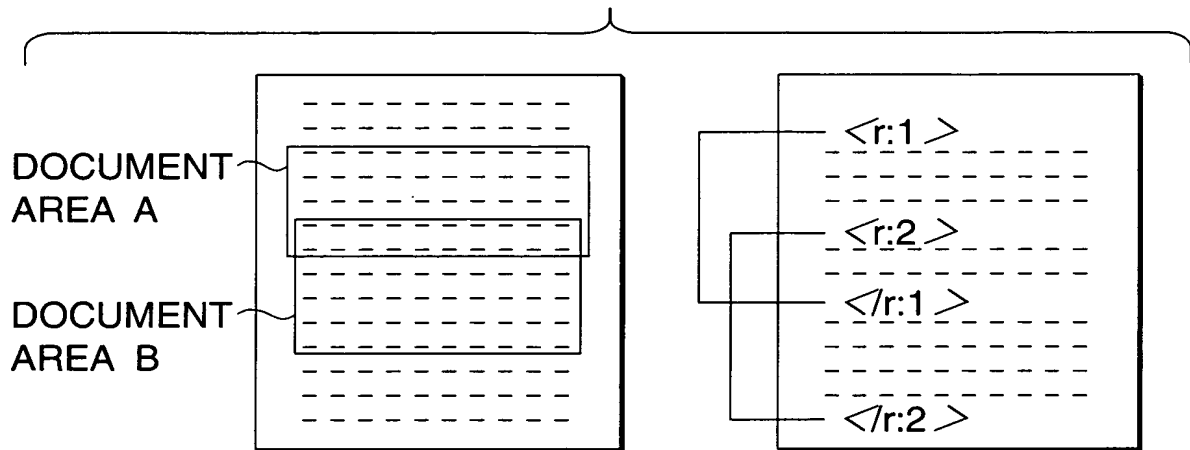
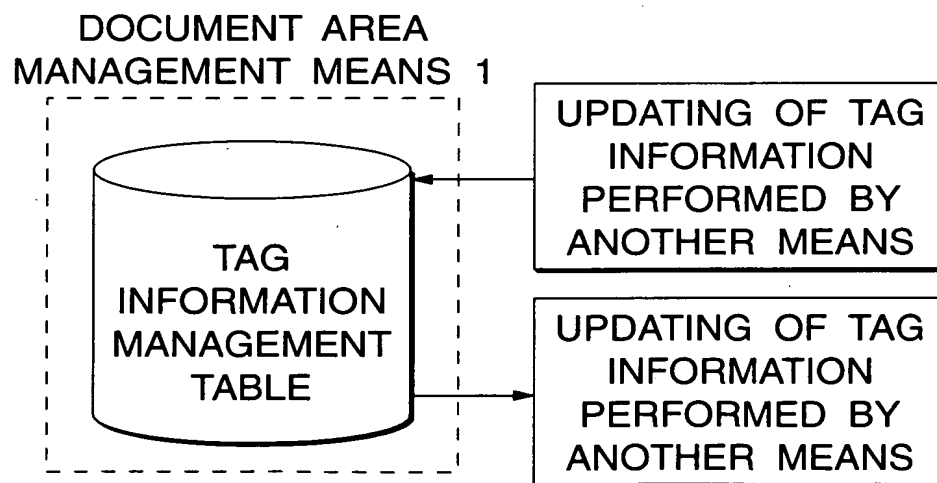


FIG.4



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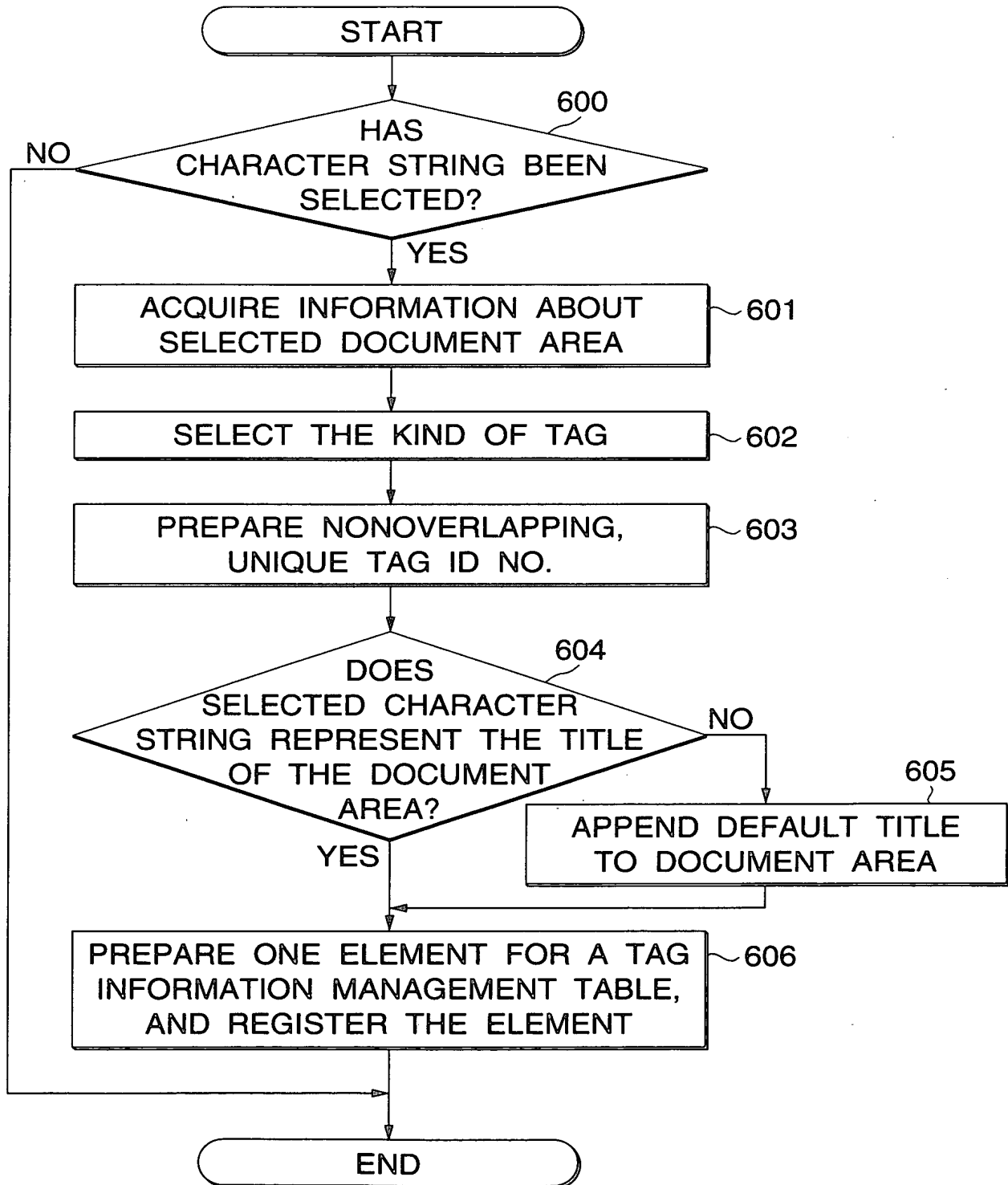
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FIG.5

TAG KIND	TAG ID	TITLE	START INDEX	END INDEX	EXTENDED ATTRIBUTE 1	EXTENDED ATTRIBUTE 2	...
r	1	PROCESSING FOR CORRECT ANSWER	152	236	THIS PROCESSING...	NULL	...
r	2	PROCESS FOR INCORRECT ANSWER	252	328	THIS PROCESSING...	NULL	...
r	3	PROCESSING FOR OUTPUTTING ANSWER	56	742	THIS PROCESSING...	NULL	...
r	4	MAIN FUNCTION	330	476	THIS PROCESSING...	NULL	...
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:

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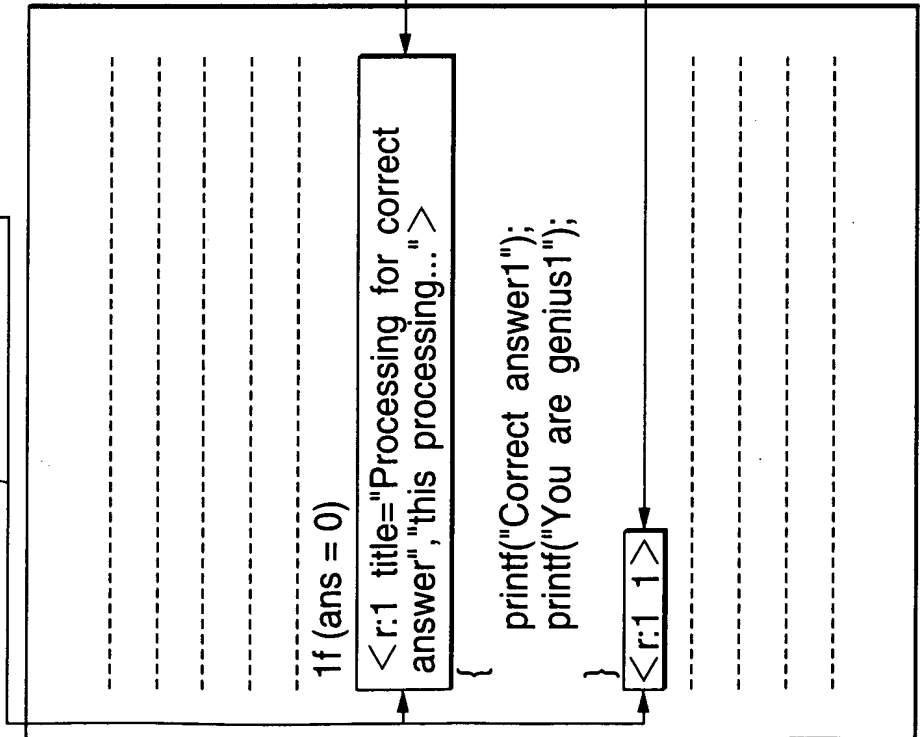
FIG.6



APPEND
NONOVERLAPPING,
UNIQUE TAG ID NO.
TO RESPECTIVE START
TAG AND RESPECTIVE
END TAG (

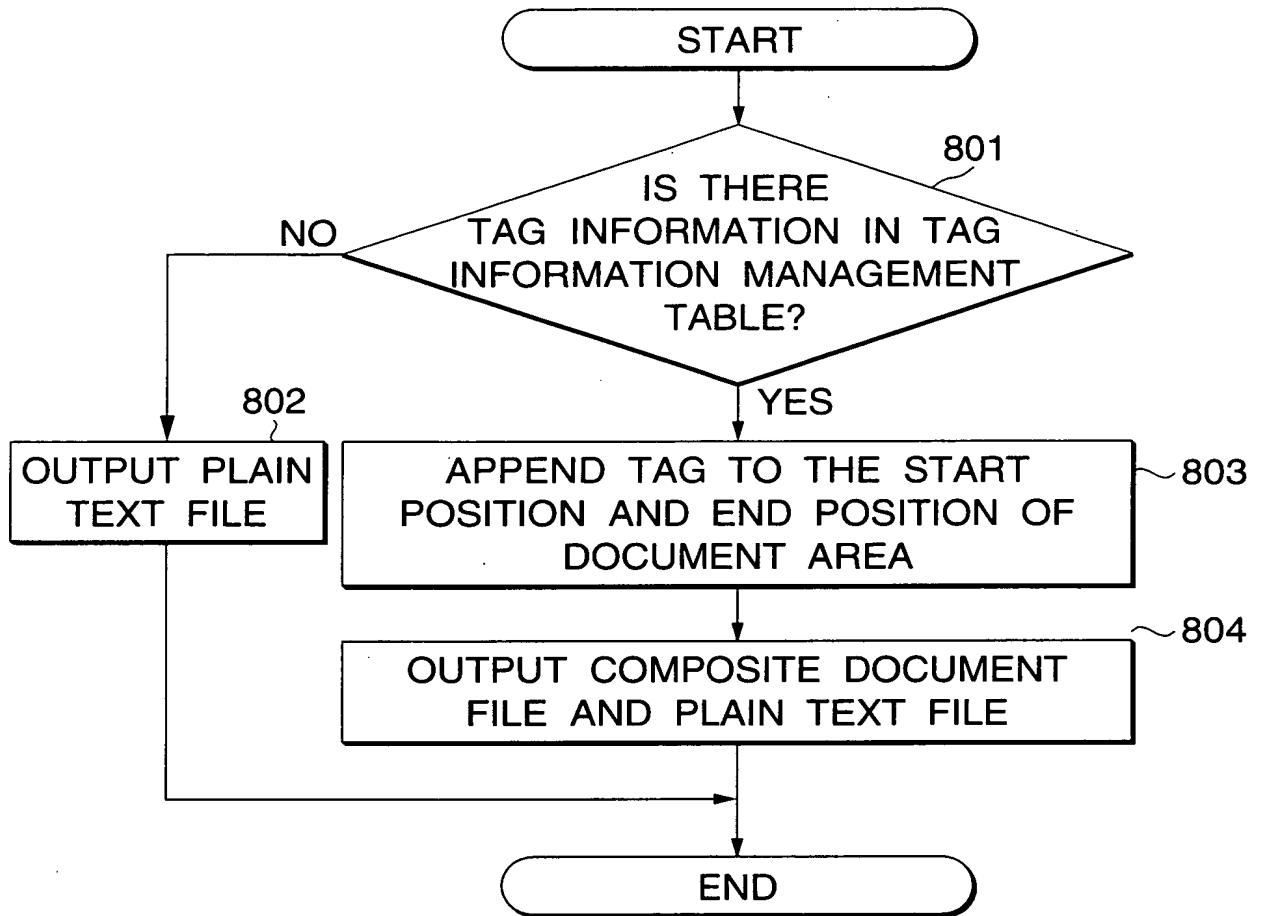
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APPEND END TAG TO
AN INDEX REPRESENTING
THE END POSITION
OF THE DOCUMENT AREA



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FIG.8



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FIG.9

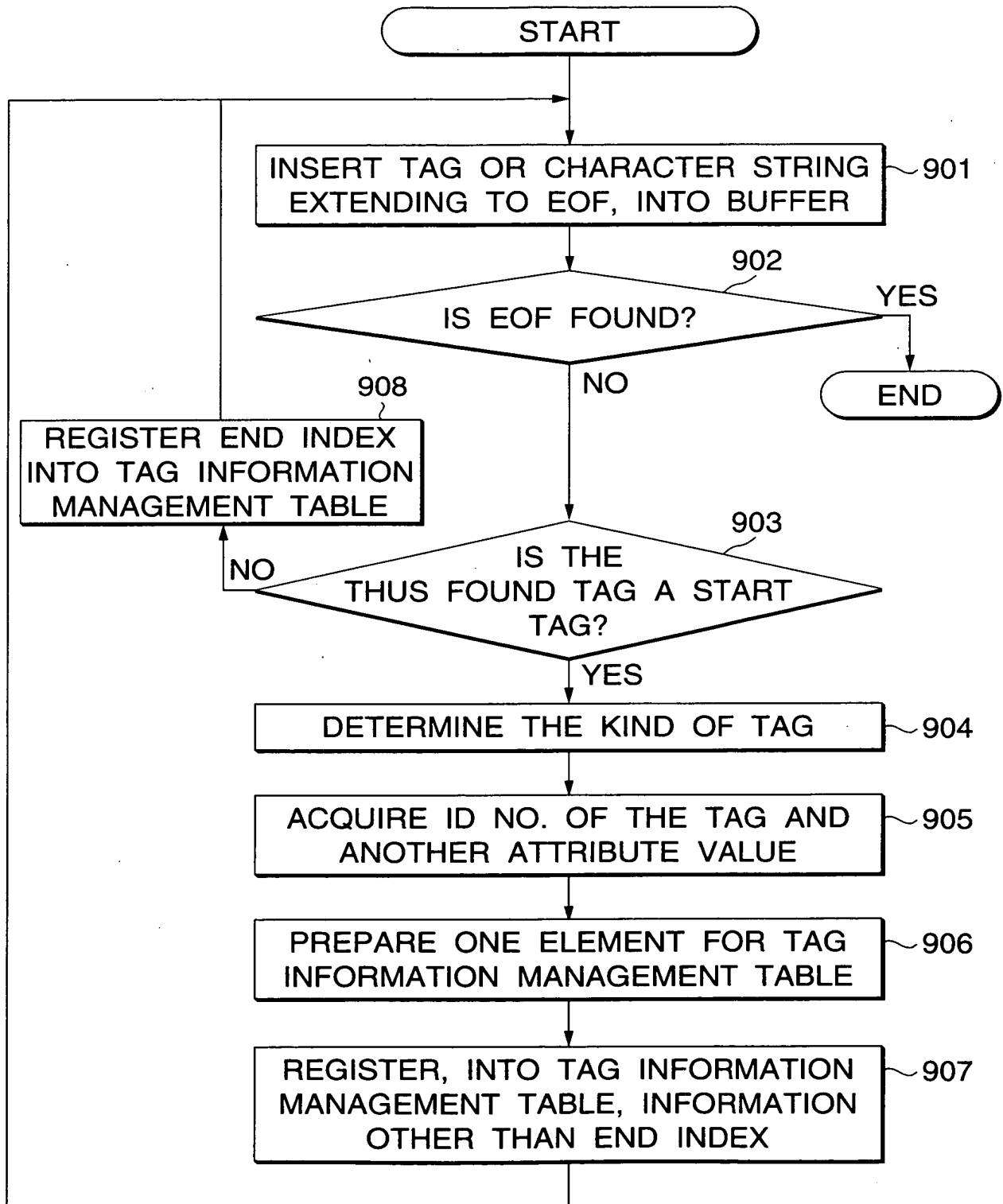


FIG. 10B

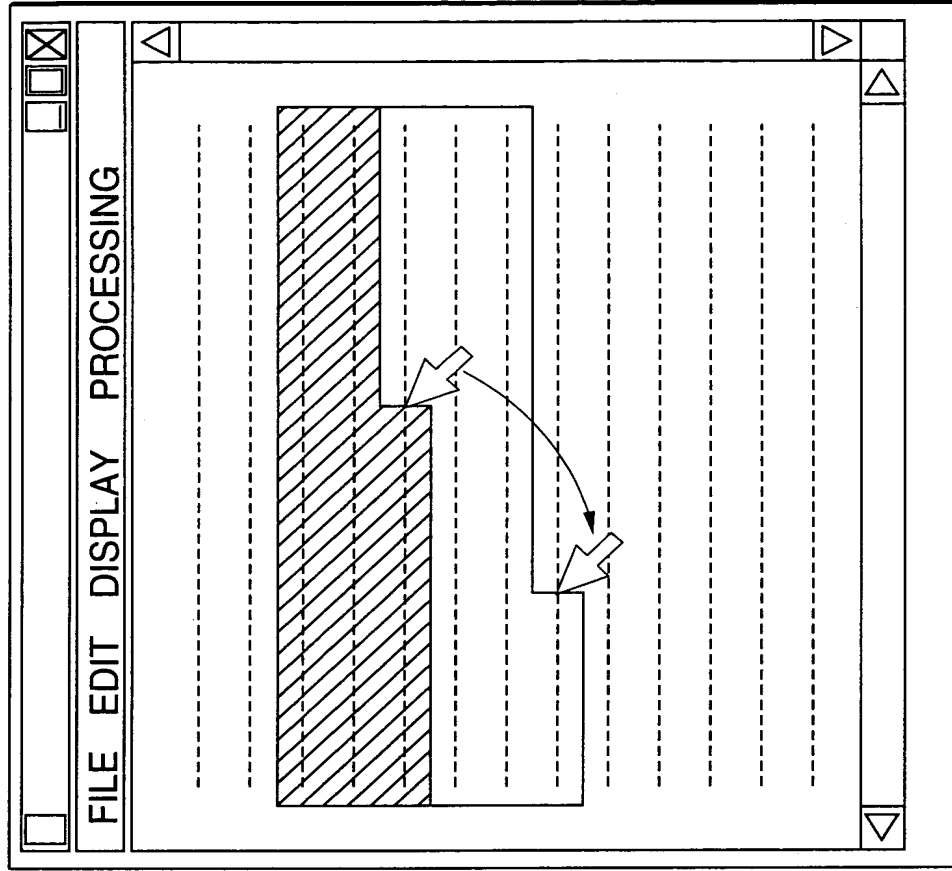


FIG. 10A

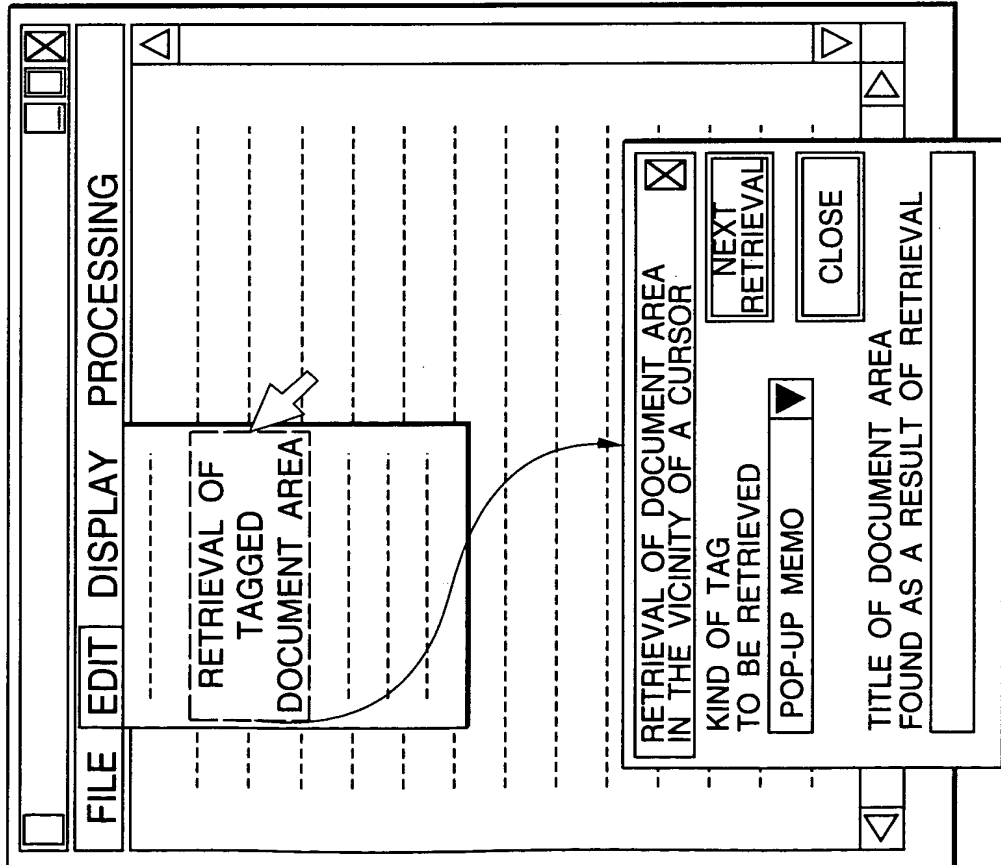
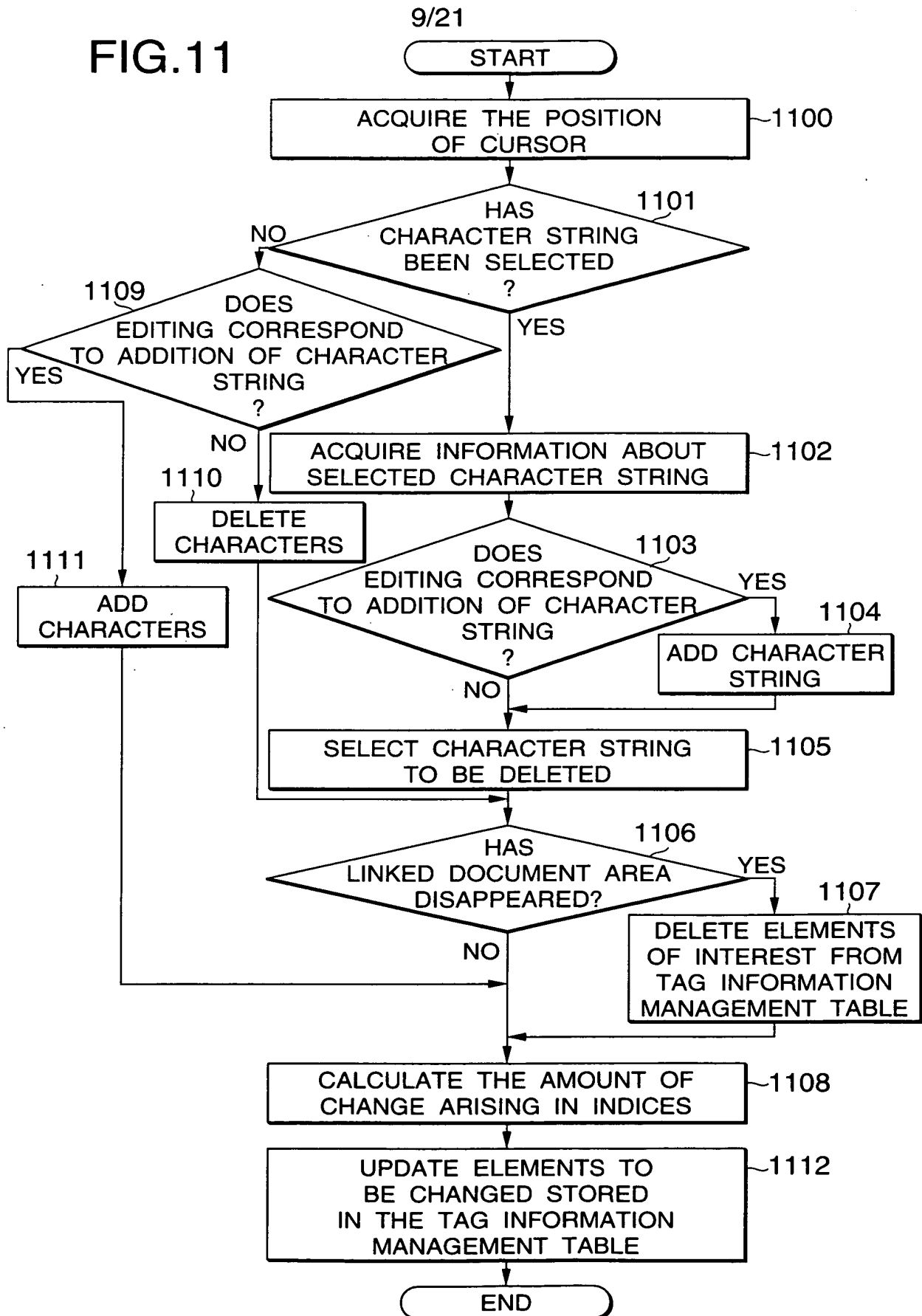
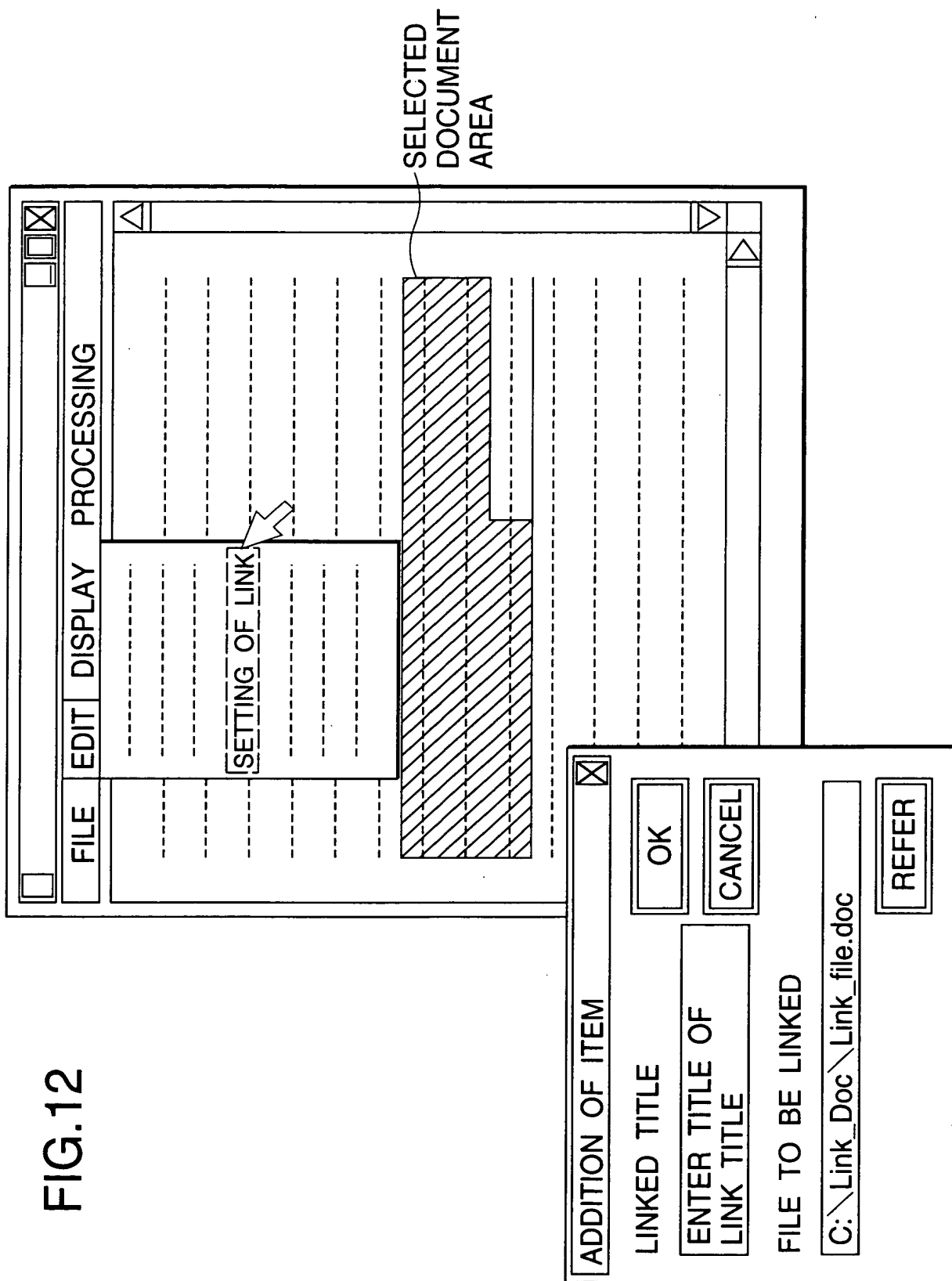


FIG. 11

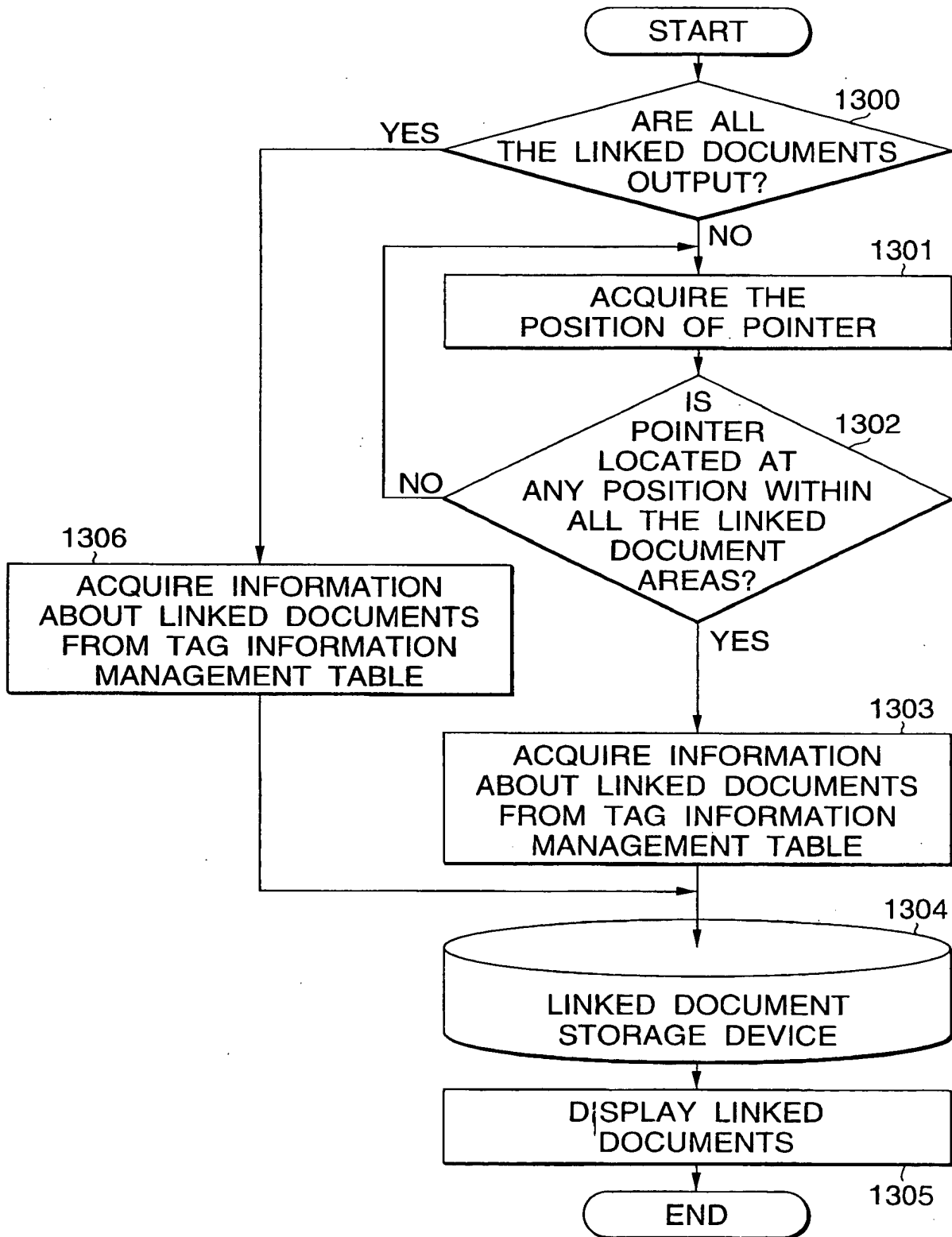


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FIG.13



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FIG.14A

The screenshot shows a software window with a menu bar (FILE, EDIT, DISPLAY, PROCESSING) and a main area divided into two panes. The left pane contains a dashed box labeled "<LINKED DOCUMENT AREA>" with a mouse cursor pointing at it. The right pane contains a table with the following data:

Link Name	Count	File Name	Tag ID
<input type="checkbox"/> DESIGN SPECIFICATION	14	PROGRAM SPECIFICATION	1
<input type="checkbox"/> REFERENCE MATERIAL	3	REFERENCE MATERIAL	4
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 1	2	NO. 1	5

FIG.14B

REVERSE INDEXING OF
LINKED DOCUMENT AREAS

The screenshot shows the same software window, but the table in the right pane is now sorted by Tag ID. The left pane shows the "<LINKED DOCUMENT AREA>" with a hatched pattern. A callout box on the right side of the table contains the text: "HIGHLIGHTING LINKED DOCUMENT AREA" and "HIGHLIGHTING THE NEXT LINKED DOCUMENT AREA".

Link Name	Count	File Name	Tag ID
<input type="checkbox"/> DESIGN SPECIFICATION	14	PROGRAM SPECIFICATION	1
<input type="checkbox"/> DESIGN DRAWING 1	3	DESIGN DRAWING 1	2
<input type="checkbox"/> DESIGN DRAWING 2	2	DESIGN DRAWING 2	3
<input type="checkbox"/> DESIGN DRAWING 3	3	DESIGN DRAWING 3	4
<input type="checkbox"/> REFERENCE MATERIAL	2	REFERENCE MATERIAL	5
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 1	1	MOUNTING NO.1	6
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 2	3	MOUNTING NO.2	7
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 3	2	MOUNTING NO.3	8
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 4	3	MOUNTING NO.4	9
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 5	2	MOUNTING NO.5	10
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 6	1	MOUNTING NO.6	11
<input type="checkbox"/> DESCRIPTION FOR MOUNTING 7	1	MOUNTING NO.7	12

DISPLAYING OF ALL LINKED DOCUMENTS

FIG. 15

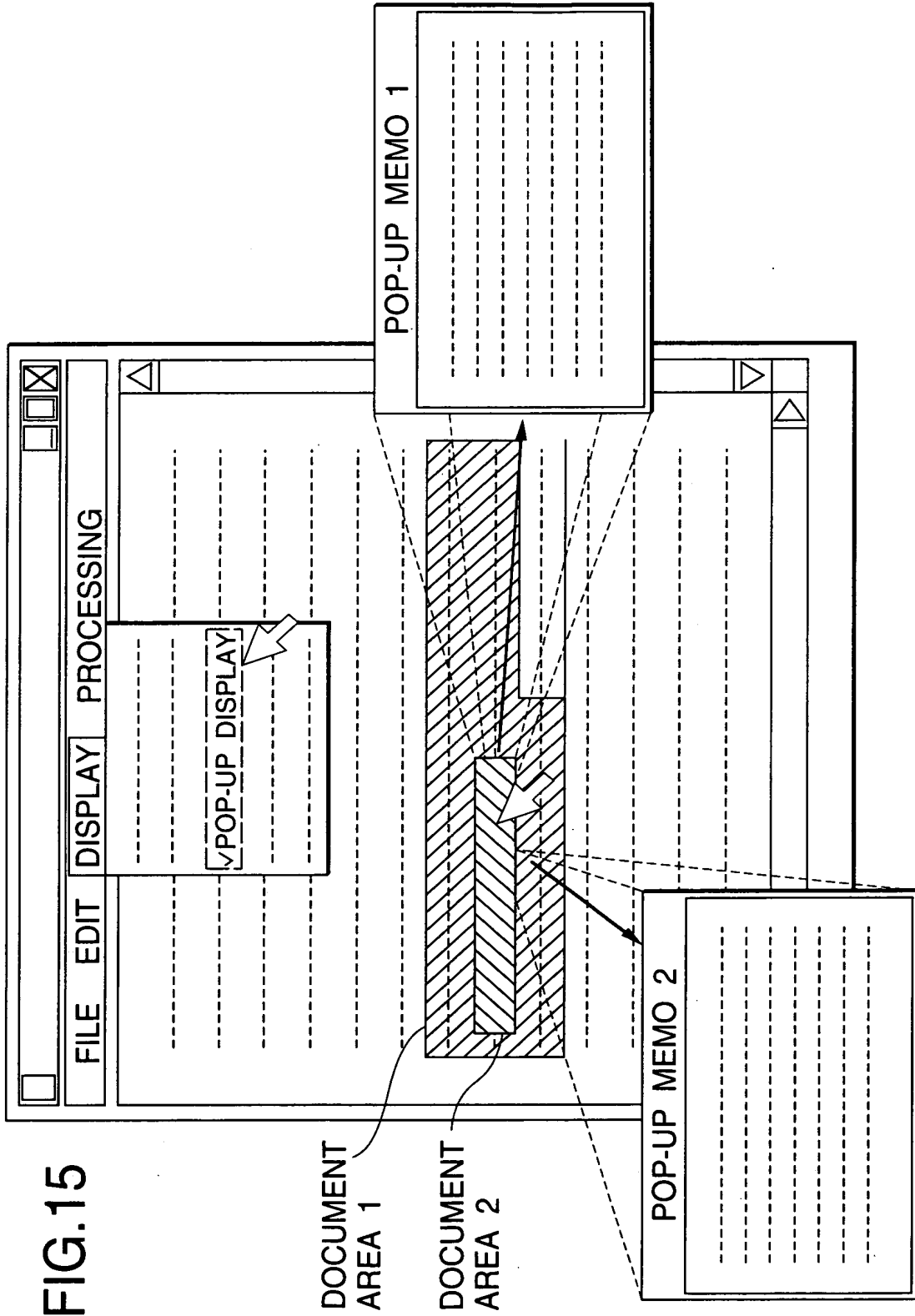
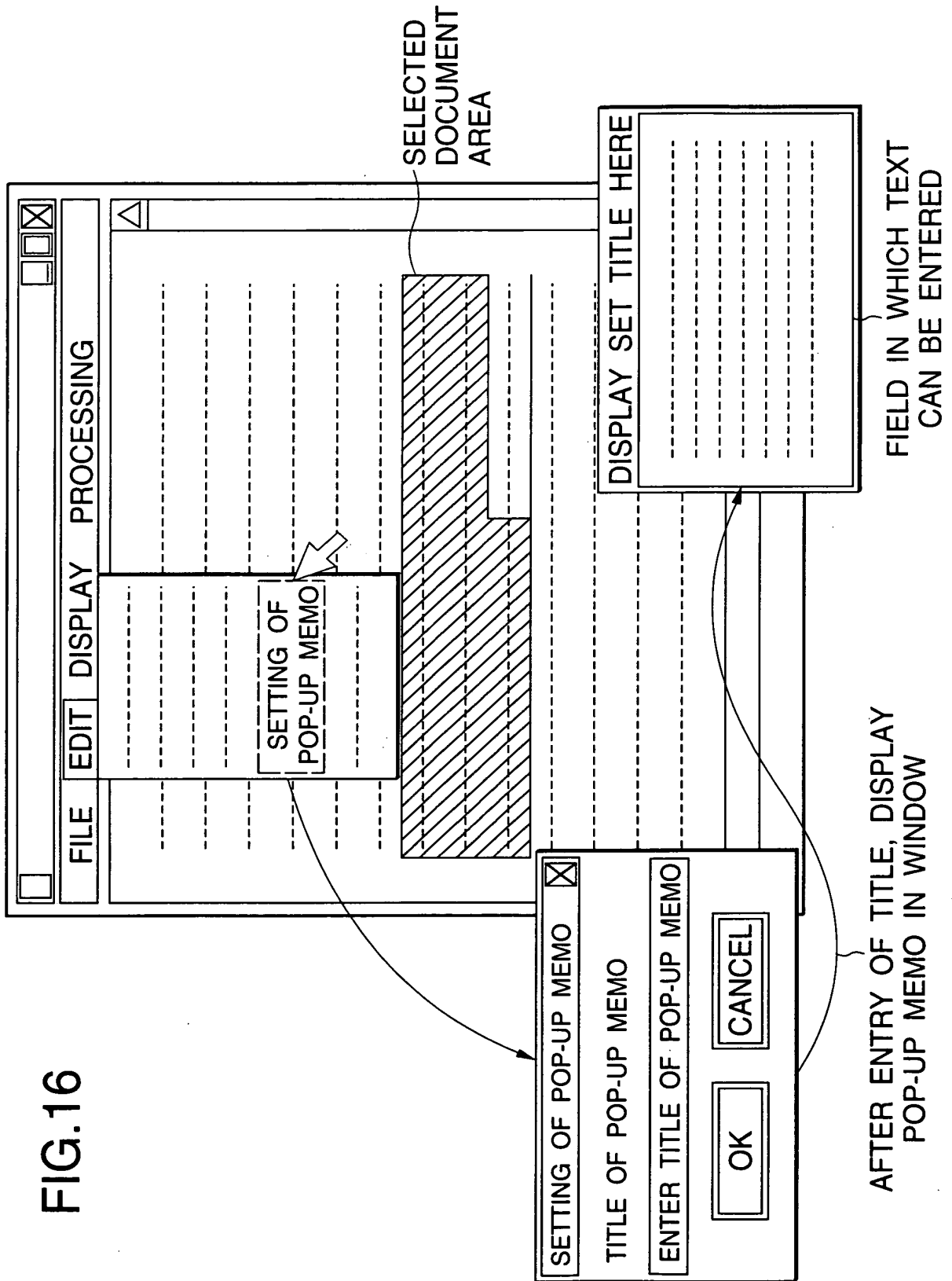
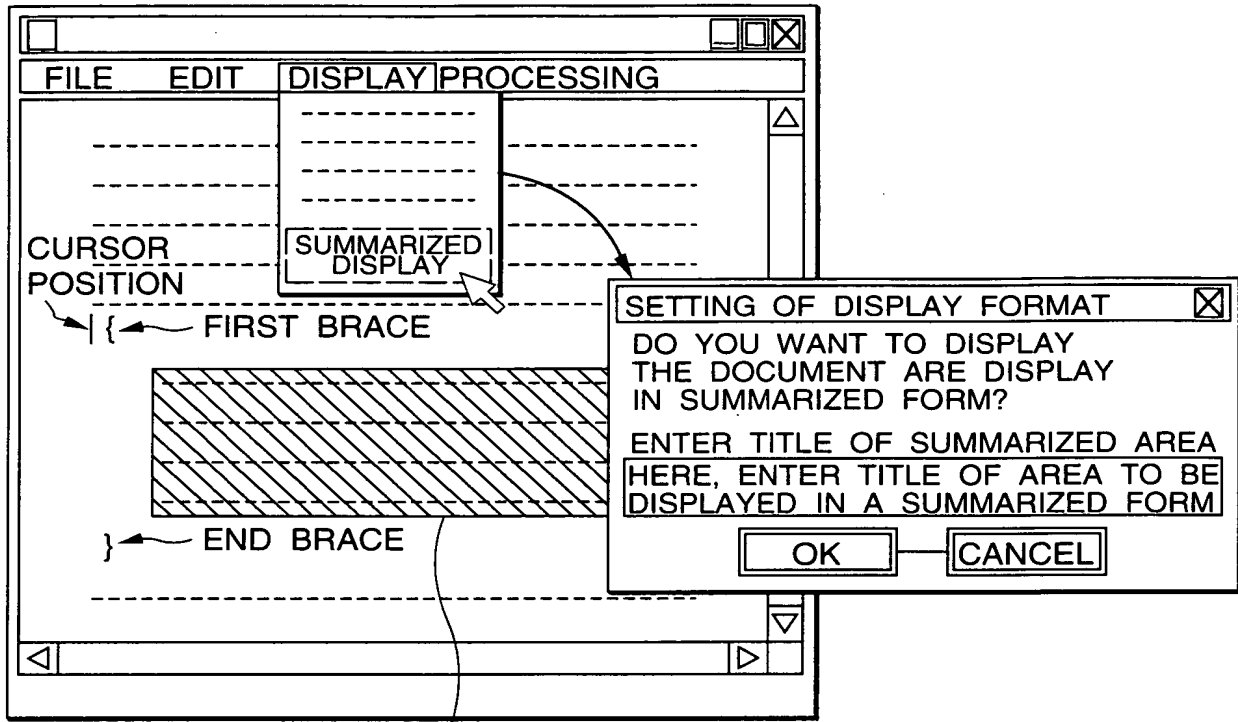


FIG. 16



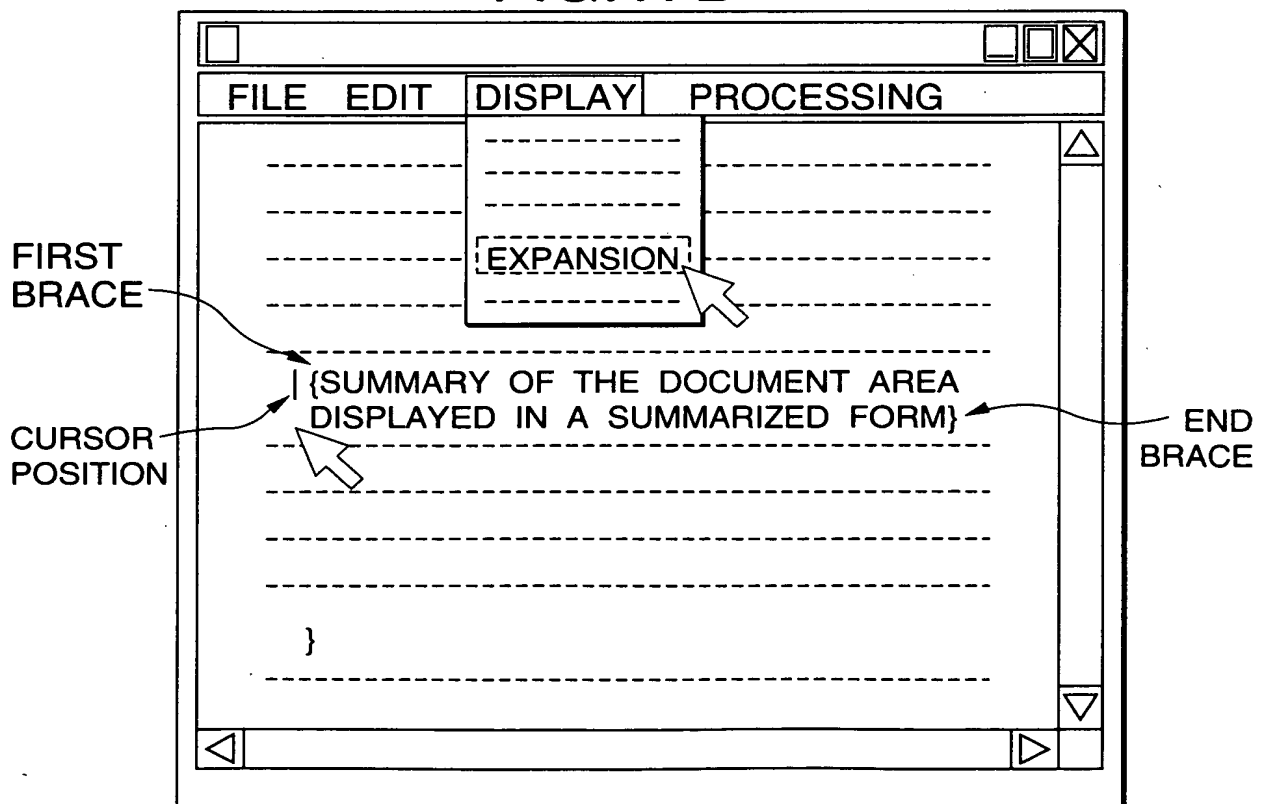
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FIG.17A

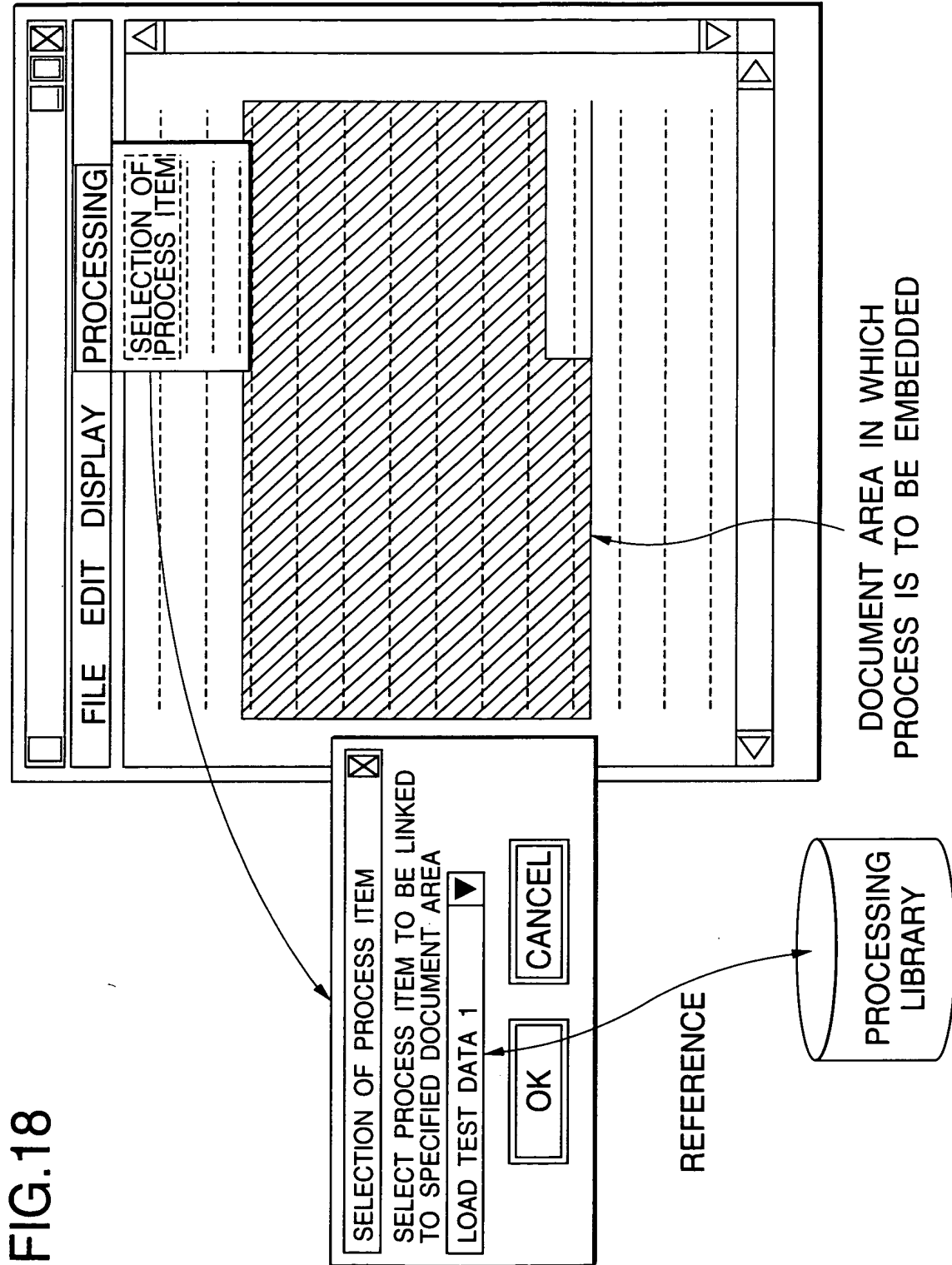


DOCUMENT AREA DEFINED BY A BRACE PAIR

FIG.17B

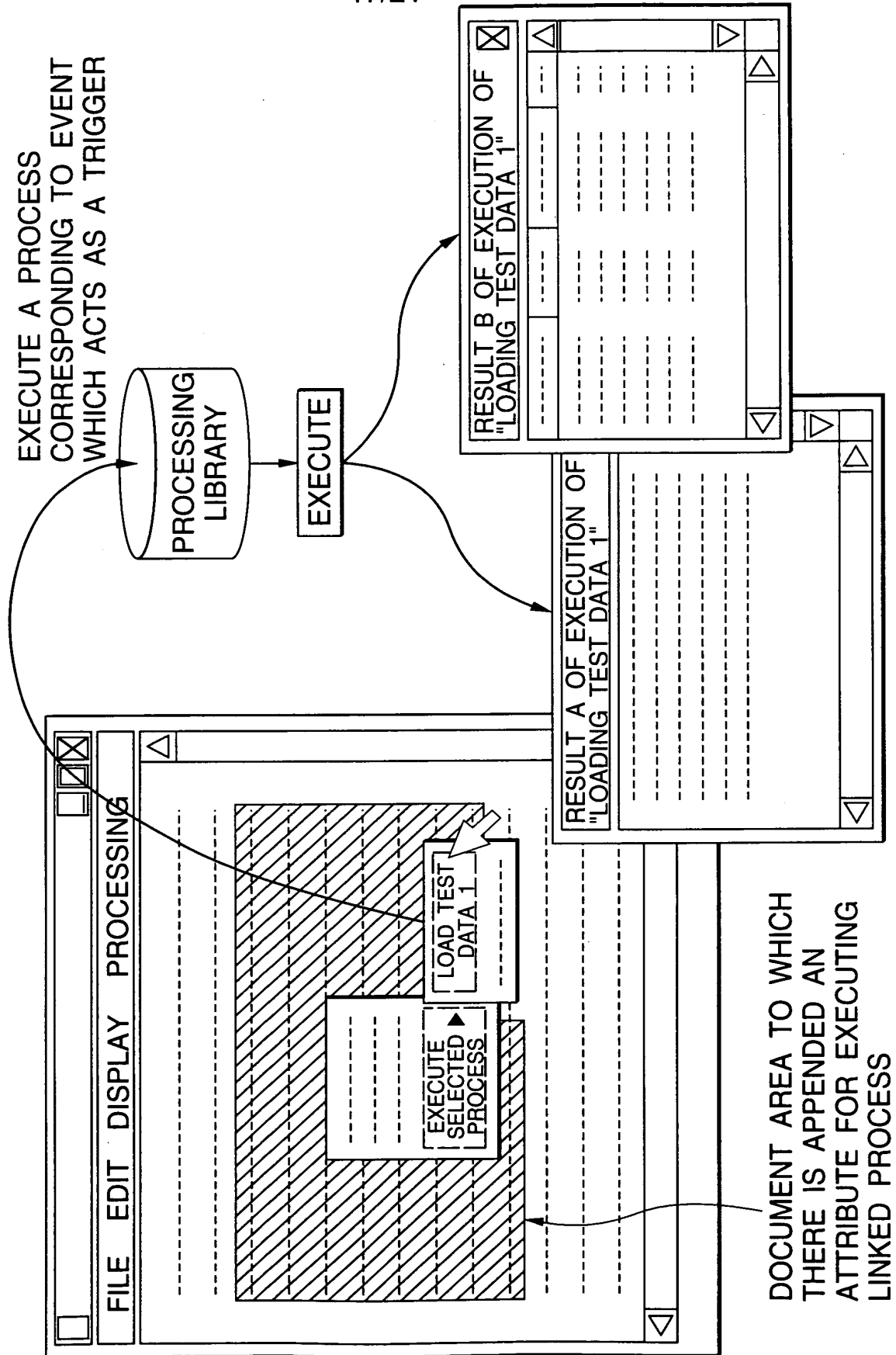


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FIG.19



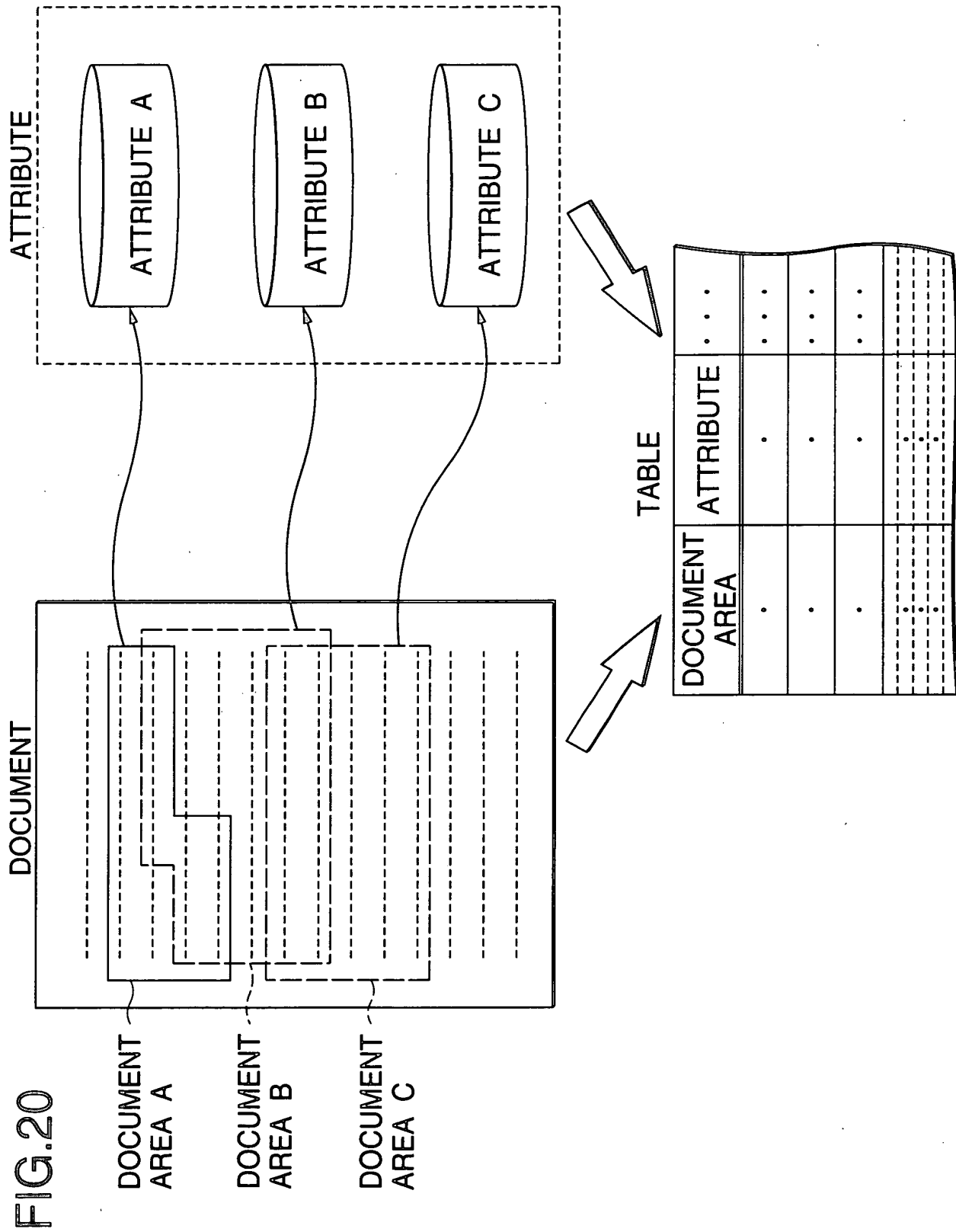


FIG.21

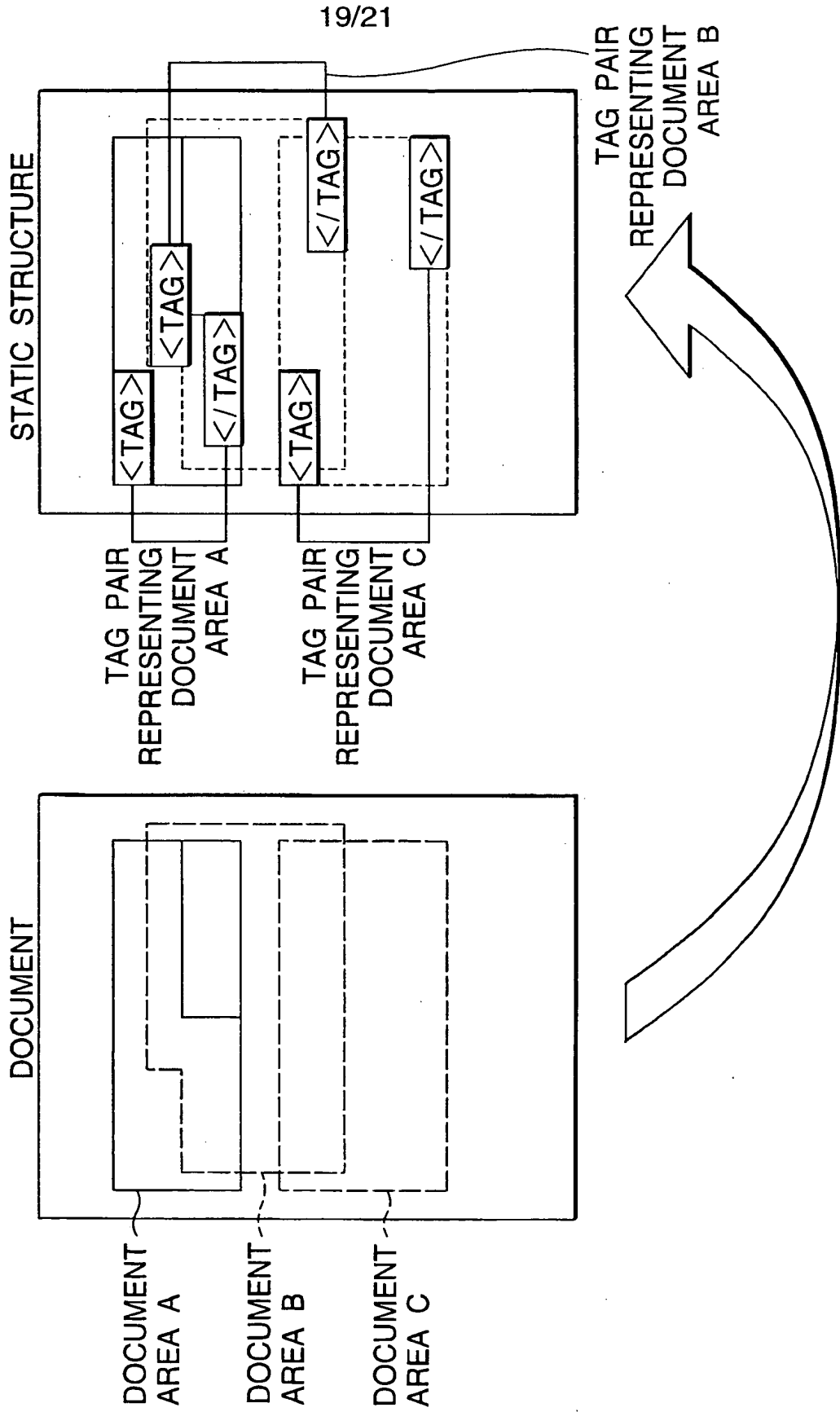
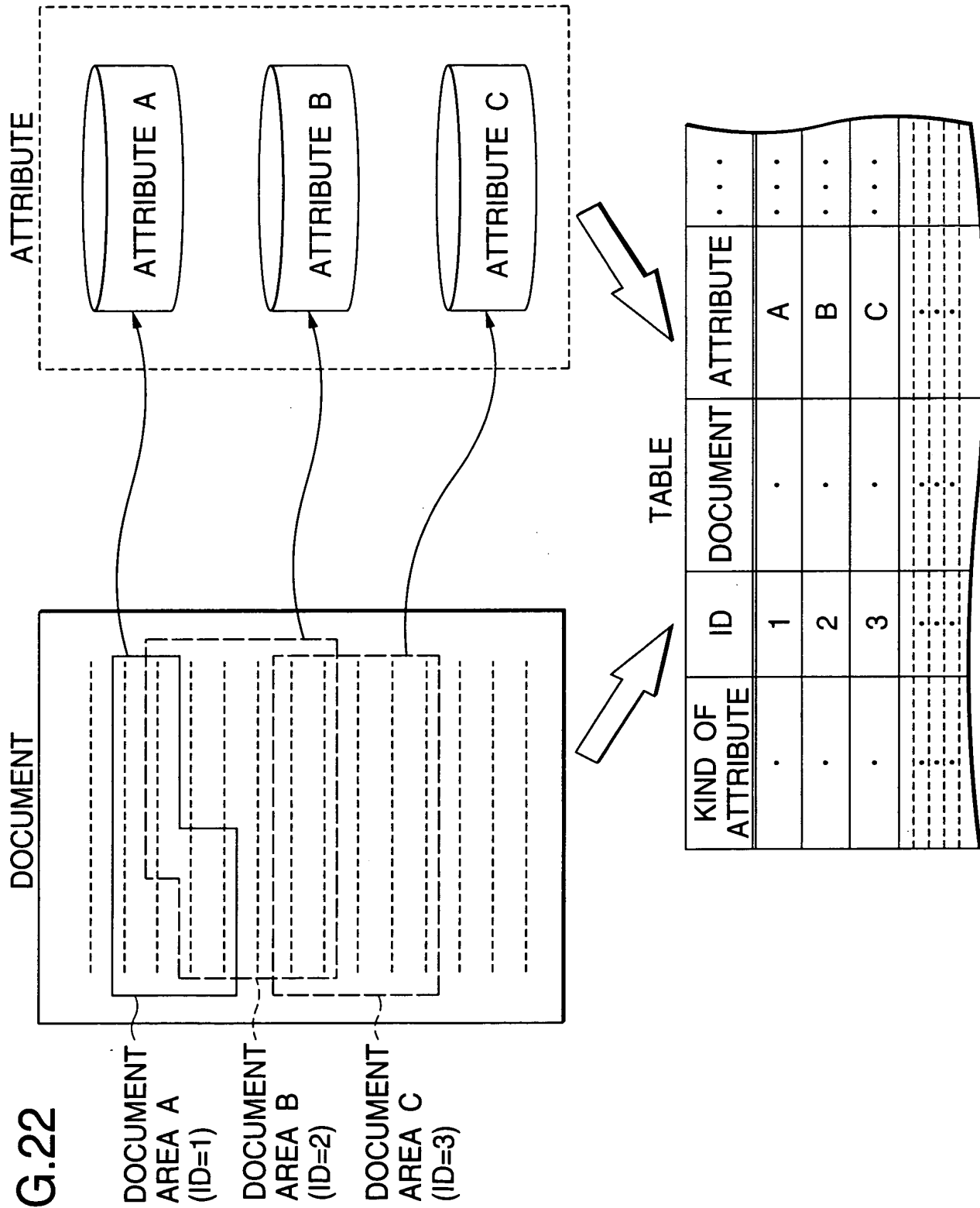


FIG. 22



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FIG.23

